

Notice of Allowability

Application No.

09/323,210

Examiner

Todd Ingberg

Applicant(s)

ZEANAH ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to November 1, 2006 and Terminal Disclaimer of May 10, 2005.
2. ☒ The allowed claim(s) is/are 58,59,62-79 and 82-111 (now 1 - 50).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

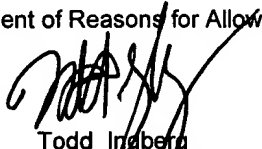
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 4/10/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Todd Ingberg
Primary Examiner
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Eric L. Sophil on April 10, 2007.

Claims 1 – 57 are canceled.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

Allowability Over Prior Art of Record

Non Patent Literature

"The JAVA Perks Developer Interest from IS to Embedded Systems", article by Tom Williams from May 1996 fails to disclose details of rules. Web-based applets are taught on first page of the article. However, the interaction with other components is not taught.

Principles of Object-Oriented Analysis and Design, by James Martin Chapter 10 teaches Rules in a theoretical environment. The book is a basic blueprint on Object-Oriented Computer Aided Software Engineering Tools (OO-CASE) from 1992.

Patent Literature

USPN # 6,052,711 Gish - teaches Java (including Applets) for accessing the Internet. Gish briefly mentions rules; *"Behavior versus protocol Class libraries are essentially collections of behaviors that you can call when you want those individual behaviors in your program. A framework, on the other hand, provides not only behavior but also the protocol or set of rules that govern the ways in which behaviors can be combined, including rules for what a programmer is supposed to provide versus what the framework provides."* Gish lacks substantial evidentiary support for teaching the implementation of rules that are "procured in reply to requests from the mini-app dialog component and the transaction executor component", as claimed in claim 58 and 83. Also, Gish fails to teach "...the registering of a rule authority for each request for directing requests for service function to the appropriate rule authority.", as claimed in claim 72. And Gish fails to

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Furthermore, Gish is silent as to the rule broker of claims 108 and 111 and the “... applying a rule broker component to selectively procure business rules grouped in geographic region specific sets from various sources in reply to rule queries”.

Gish also, fails to teach the canonical format and reformatting of the claimed invention to meet the burden of the substantial evidence requirements.

USPN # 5,828,840 Cowan et al – Although silent about rules teaches the ability for an application to function with many different types of devices in a client server. the programming language JAVA is utilized and Applets are taught. For example col 2, lines 25 – 35 applets communicate in their intended use of executing within a JAVA compatible browser environment.

USPN # 5,926,636 Lam – Also is silent on Rules. but does teach a heterogeneous computer network. Lam does not state the implementation of the invention is in JAVA therefore cannot teach applets.

The following issues have been considered.

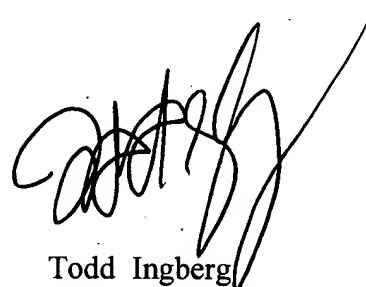
Correspondence Information

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd Ingberg whose telephone number is (571) 272-3723. The examiner can normally be reached on during the work week.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'Todd Ingberg', with a long, sweeping horizontal line extending to the right.

Todd Ingberg
Primary Examiner
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